

**Experiment Number:** 95007-17  
**Test Type:** 25-WEEK  
**Route:** GAVAGE  
**Species/Strain:** Mouse/P53(C57BL/6)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Transgenic model evaluation (Cyclosporin A)  
**CAS Number:** 59865-13-3

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 17:50:14  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**C Number:** C95007D  
**Lock Date:** 06/02/1997  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Both  
**PWG Approval Date** NONE

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 First Dose M/F: NA / NA  
 Lab: MBA

P53(C57BL/6) Mouse Male 0 MG/KG	DAY ON TEST															*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	7	7	7	7	7	7	7	7	2	7	7	7	7	7	7	
	7	7	7	7	7	7	7	7	0	7	7	7	7	7	7	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

**Alimentary System**

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Centrilobular, Hepatocyte, Hypertrophy					1								3			2 2.0
Hepatocyte, Vacuolization Cytoplasmic, Diffuse														3		1 3.0
Hepatocyte, Vacuolization Cytoplasmic, Focal	2				1	2			2							4 1.8
Infiltration Cellular, Lymphocyte, Focal								1						1		2 1.0
Necrosis, Focal					1	1							1			3 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Infiltration Cellular, Lymphocyte, Focal			1	1		1	1	1	1			1	1	1		10 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Tooth										+						1

**Cardiovascular System**

NONE

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Pituitary Gland	+	+	+	+	+	+	+	+	M	I	+	I	+	+	+	12
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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P53(C57BL/6) Mouse Male 0 MG/KG	DAY ON TEST															*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	7	7	7	7	7	7	7	7	2	7	7	7	7	7	7	
	7	7	7	7	7	7	7	7	0	7	7	7	7	7	7	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

**General Body System**

NONE

**Genital System**

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Degeneration, Diffuse									3							1 3.0

**Hematopoietic System**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Lymph Node, Mediastinal	+	+	+	+	+	I	+	+	+	M	M	+	+	+	+	12	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Hematopoietic Cell Proliferation						1			1		1	2		1	1	3	7 1.4
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	

**Integumentary System**

Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Epidermis, Ulcer, Focal												3				1 3.0

**Musculoskeletal System**

Bone																+	1
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\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue  
 M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically  
 1-4 ..Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

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 Lab: MBA

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>P53(C57BL/6) Mouse Male</b> <b>0 MG/KG</b>		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		7	7	7	7	7	7	7	7	2	7	7	7	7	7	7
		7	7	7	7	7	7	7	7	0	7	7	7	7	7	7
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	
<b>*TOTALS</b>																

**Nervous System**

NONE

**Respiratory System**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hyperplasia, Lymphoid, Focal															1	1 1.0
Perivascular, Inflammation, Chronic Active						1					1					2 1.0

**Special Senses System**

NONE

**Urinary System**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
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P53(C57BL/6) Mouse Male 10 MG/KG	DAY ON TEST															*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	

**Alimentary System**

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15			
Hepatocyte, Vacuolization Cytoplasmic			3		3			4				3				4	3.3		
Hepatocyte, Vacuolization Cytoplasmic, Diffuse			4	3	4			4			3	3			2	7	3.3		
Hepatocyte, Vacuolization Cytoplasmic, Focal	2								1	2			2			4	1.8		
Infiltration Cellular, Lymphocyte, Focal	1															1	1.0		
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15			
Infiltration Cellular, Lymphocyte, Focal			1	1	1	1	1			1			2	1	1	2	1	11	1.2
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15			
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15			

**Cardiovascular System**

NONE

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

**General Body System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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X ..Lesion present

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BLANK ..Not examined microscopically

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Lab: MBA

P53(C57BL/6) Mouse Male 10 MG/KG	DAY ON TEST															*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	

Genital System

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Hyperplasia, Lymphoid			2											1		2	1.5
Lymph Node, Mediastinal	+	M	+	+	+	+	+	+	M	+	+	+	+	M		12	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Hematopoietic Cell Proliferation	1	1	1	1		1	1	2		2	1	1	1	2	1	13	1.2
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	

Integumentary System

Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
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Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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 Time Report Requested: 17:50:15  
 First Dose M/F: NA / NA  
 Lab: MBA

P53(C57BL/6) Mouse Male 10 MG/KG	DAY ON TEST																	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	*TOTALS		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
Hyperplasia, Lymphoid, Focal																1	1	1.0
<b>Special Senses System</b>																		
NONE																		
<b>Urinary System</b>																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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 Lab: MBA

P53(C57BL/6) Mouse Male 25 MG/KG	DAY ON TEST															*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	
	1	2	3	4	5	6	7	8	8	9	0	1	2	3	4	

**Alimentary System**

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hepatocyte, Necrosis, Focal										1						1 1.0
Hepatocyte, Vacuolization Cytoplasmic, Diffuse				3			2	3	3				3		3	6 2.8
Hepatocyte, Vacuolization Cytoplasmic, Focal	3	3						3					3			4 3.0
Necrosis, Focal				1												1 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Infiltration Cellular, Lymphocyte, Focal	1		1		1		1	1				1			1	7 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

**Cardiovascular System**

NONE																
<b>Endocrine System</b>																
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Pituitary Gland	+	+	+	+		+	+		+	+	+		+	+	+	12
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	14

**General Body System**

NONE																
------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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P53(C57BL/6) Mouse Male 25 MG/KG	DAY ON TEST															*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	
	1	2	3	4	5	6	7	8	8	9	9	9	9	9	9	

**Genital System**

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

**Hematopoietic System**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Lymph Node, Mandibular	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	14
Hyperplasia, Lymphoid														3		1 3.0
Lymph Node, Mediastinal	+	+	+	+	M	+	+	M	+	M	+	+	+	+	+	12
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hematopoietic Cell Proliferation	1	1	2	1	1	1	1	1	1	1	3	1		3	2	14 1.4
Thymus	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	14

**Integumentary System**

Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Epidermis, Hyperplasia, Focal											2			4		2 3.0
Epidermis, Ulcer, Focal				3												1 3.0

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

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 First Dose M/F: NA / NA  
 Lab: MBA

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>P53(C57BL/6) Mouse Male</b> <b>25 MG/KG</b>		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		8	8	8	8	8	8	8	8	8	9	9	9	9	9	9
		1	2	3	4	5	6	7	8	8	9	0	1	2	3	4
<b>*TOTALS</b>																

**Respiratory System**

Lung + + + + + + + + + + + + + + 15

**Special Senses System**

NONE

**Urinary System**

Kidney + + + + + + + + + + + + + + 15

Infiltration Cellular, Lymphocyte, Focal																	2	1	2	1.5
Renal Tubule, Degeneration, Focal																			1	1.0
Renal Tubule, Regeneration, Focal																			3	3.0

\*\*\*END OF MALE DATA\*\*\*

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 95007-17  
 Test Type: 25-WEEK  
 Route: GAVAGE  
 Species/Strain: Mouse/P53(C57BL/6)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: Transgenic model evaluation (Cyclosporin A)  
 CAS Number: 59865-13-3

Date Report Requested: 10/20/2014  
 Time Report Requested: 17:50:15  
 First Dose M/F: NA / NA  
 Lab: MBA

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>P53(C57BL/6) Mouse Female</b> <b>0 MG/KG</b>		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
		9	9	9	9	0	0	0	0	0	0	0	0	0	0	1
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
<b>*TOTALS</b>																

**Alimentary System**

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hepatocyte, Vacuolization Cytoplasmic, Focal				2	2											2 2.0
Infiltration Cellular, Lymphocyte, Focal									1	1				1		3 1.0
Necrosis, Focal			1				1									2 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Infiltration Cellular, Lymphocyte, Focal				2	2			2		3	2				1	6 2.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

**Cardiovascular System**

NONE

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Pituitary Gland	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	14
Thyroid Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	14

**General Body System**

NONE

**Genital System**

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 95007-17  
 Test Type: 25-WEEK  
 Route: GAVAGE  
 Species/Strain: Mouse/P53(C57BL/6)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: Transgenic model evaluation (Cyclosporin A)  
 CAS Number: 59865-13-3

Date Report Requested: 10/20/2014  
 Time Report Requested: 17:50:15  
 First Dose M/F: NA / NA  
 Lab: MBA

P53(C57BL/6) Mouse Female 0 MG/KG	DAY ON TEST															*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Hyperplasia, Cystic	2														1 2.0	
<b>Hematopoietic System</b>																
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Lymph Node			+						+						2	
Lumbar, Hyperplasia, Lymphoid			2												1 2.0	
Mediastinal, Pigmentation									2						1 2.0	
Renal, Hyperplasia, Lymphoid			2												1 2.0	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Lymph Node, Mediastinal	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Pigmentation									2						1 2.0	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Hematopoietic Cell Proliferation	1	1	2	1	2	1	1	1	2	3	2	1	1	3	15 1.5	
Pigmentation										1	1		1		3 1.0	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
<b>Integumentary System</b>																
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
<b>Musculoskeletal System</b>																
NONE																

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue  
 M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically  
 1-4 ..Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Experiment Number: 95007-17  
 Test Type: 25-WEEK  
 Route: GAVAGE  
 Species/Strain: Mouse/P53(C57BL/6)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: Transgenic model evaluation (Cyclosporin A)  
 CAS Number: 59865-13-3

Date Report Requested: 10/20/2014  
 Time Report Requested: 17:50:15  
 First Dose M/F: NA / NA  
 Lab: MBA

		DAY ON TEST																	
<b>P53(C57BL/6) Mouse Female</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	<b>0 MG/KG</b>	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	
		9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	1	
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0	0	<b>*TOTALS</b>

**Nervous System**

NONE

**Respiratory System**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hyperplasia, Lymphoid																1		1 1.0

**Special Senses System**

NONE

**Urinary System**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
--------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 95007-17  
 Test Type: 25-WEEK  
 Route: GAVAGE  
 Species/Strain: Mouse/P53(C57BL/6)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: Transgenic model evaluation (Cyclosporin A)  
 CAS Number: 59865-13-3

Date Report Requested: 10/20/2014  
 Time Report Requested: 17:50:15  
 First Dose M/F: NA / NA  
 Lab: MBA

P53(C57BL/6) Mouse Female 10 MG/KG	DAY ON TEST															*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	1	2	3	4	5	6	7	8	9	0	1	2	2	3	4	

**Alimentary System**

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hepatocyte, Vacuolization Cytoplasmic, Focal												2	2			2 2.0
Infiltration Cellular, Lymphocyte, Focal	1	2			1	1					1				1	6 1.2
Pancreas									+							1
Cyst									3							1 3.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Infiltration Cellular, Lymphocyte, Focal	1	1	1	1						1	1	1			1	8 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

**Cardiovascular System**

NONE

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Necrosis, Diffuse														4		1 4.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Necrosis, Diffuse														4		1 4.0
Pituitary Gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	14
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

**General Body System**

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 95007-17  
 Test Type: 25-WEEK  
 Route: GAVAGE  
 Species/Strain: Mouse/P53(C57BL/6)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: Transgenic model evaluation (Cyclosporin A)  
 CAS Number: 59865-13-3

Date Report Requested: 10/20/2014  
 Time Report Requested: 17:50:15  
 First Dose M/F: NA / NA  
 Lab: MBA

P53(C57BL/6) Mouse Female 10 MG/KG	DAY ON TEST															*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

NONE																
<b>Genital System</b>																
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hydrometra			2													1 2.0
<b>Hematopoietic System</b>																
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Myeloid Cell, Hyperplasia														2		1 2.0
Lymph Node														+	+	2
Iliac, Hyperplasia, Lymphoid															2	1 2.0
Lumbar, Hyperplasia, Lymphoid														1		1 1.0
Renal, Hyperplasia, Lymphoid															2	1 2.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hyperplasia, Lymphoid					2										1 2	3 1.7
Lymph Node, Mediastinal	+	+	M	+	+	M	+	+	+	M	+	+	+	+	+	12
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hyperplasia, Lymphoid															2	1 2.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hematopoietic Cell Proliferation	1	1	1	1	1	1	2	1	1	1	1	2	2	3	2	15 1.4
Pigmentation			1					1				1				3 1.0
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue  
 M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically  
 1-4 ..Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Experiment Number: 95007-17  
 Test Type: 25-WEEK  
 Route: GAVAGE  
 Species/Strain: Mouse/P53(C57BL/6)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: Transgenic model evaluation (Cyclosporin A)  
 CAS Number: 59865-13-3

Date Report Requested: 10/20/2014  
 Time Report Requested: 17:50:15  
 First Dose M/F: NA / NA  
 Lab: MBA

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>P53(C57BL/6) Mouse Female</b> <b>10 MG/KG</b>		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
<b>*TOTALS</b>																

**Integumentary System**

Skin + + + + + + + + + + + + + + 15

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

Lung + + + + + + + + + + + + + + 15

Hemorrhage, Focal 1 1 1.0

Hyperplasia, Lymphoid 1 3 2 2.0

Hyperplasia, Lymphoid, Focal 1 1.0

Perivascular, Hyperplasia, Lymphoid 2 1 2.0

Perivascular, Inflammation, Chronic Active 2 1 2.0

**Special Senses System**

NONE

**Urinary System**

Kidney + + + + + + + + + + + + + + 15

Pelvis, Dilatation 4 1 4.0

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



Experiment Number: 95007-17  
 Test Type: 25-WEEK  
 Route: GAVAGE  
 Species/Strain: Mouse/P53(C57BL/6)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: Transgenic model evaluation (Cyclosporin A)  
 CAS Number: 59865-13-3

Date Report Requested: 10/20/2014  
 Time Report Requested: 17:50:15  
 First Dose M/F: NA / NA  
 Lab: MBA

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>P53(C57BL/6) Mouse Female</b>		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	<b>25 MG/KG</b>	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		2	2	2	2	3	3	3	3	3	3	3	3	3	3	4
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
<b>*TOTALS</b>																

**Alimentary System**

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hepatocyte, Vacuolization Cytoplasmic, Focal			3	1		3	2		2			2				6 2.2
Infiltration Cellular, Lymphocyte, Focal			2					1								2 1.5
Necrosis, Focal									1							1 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Infiltration Cellular, Lymphocyte, Focal	1	1	2	1	2	1	1	1	1	1				1		12 1.2
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

**Cardiovascular System**

NONE

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	14
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	14

**General Body System**

NONE

**Genital System**

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 95007-17  
 Test Type: 25-WEEK  
 Route: GAVAGE  
 Species/Strain: Mouse/P53(C57BL/6)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: Transgenic model evaluation (Cyclosporin A)  
 CAS Number: 59865-13-3

Date Report Requested: 10/20/2014  
 Time Report Requested: 17:50:16  
 First Dose M/F: NA / NA  
 Lab: MBA

P53(C57BL/6) Mouse Female 25 MG/KG	DAY ON TEST															*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
<b>Hematopoietic System</b>																
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Lymph Node				+												1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Lymph Node, Mediastinal	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Inflammation, Chronic, Focal										2						1 2.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hematopoietic Cell Proliferation	1	1	2		1	1	2	1	2	2	1	1	1	2	1	14 1.4
Pigmentation												1	1			2 1.0
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
<b>Integumentary System</b>																
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
<b>Musculoskeletal System</b>																
NONE																
<b>Nervous System</b>																
NONE																
<b>Respiratory System</b>																

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 95007-17  
 Test Type: 25-WEEK  
 Route: GAVAGE  
 Species/Strain: Mouse/P53(C57BL/6)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: Transgenic model evaluation (Cyclosporin A)  
 CAS Number: 59865-13-3

Date Report Requested: 10/20/2014  
 Time Report Requested: 17:50:16  
 First Dose M/F: NA / NA  
 Lab: MBA

P53(C57BL/6) Mouse Female 25 MG/KG	DAY ON TEST																
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	*TOTALS	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Hyperplasia, Lymphoid, Focal								1					1			2	1.0
Infiltration Cellular, Lymphocyte, Focal			1	1						1	2	1				5	1.2
<b>Special Senses System</b>																	
Eye																	
Developmental Malformation																	
<b>Urinary System</b>																	
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Infiltration Cellular, Lymphocyte, Focal			1													1	1.0
Nephropathy																	
Renal Tubule, Degeneration, Focal																	

\*\* END OF REPORT \*\*

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked